

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Kensaku IMAI et al.

Serial No.: Not Yet Assigned

Group Art Unit:

Filed: Concurrently Herewith

Examiner:

For: METHOD AND APPARATUS FOR AUTOMATICALLY REMOVING VECTOR
UNIT IN DNA BASE SEQUENCE

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Before examination of the above-identified application, please amend the application as follows:

I. AMENDMENTS

A. In the Claims

Please **CANCEL** claim 1 without prejudice or disclaimer.

Please **ADD** new claims 45-63 as follows:

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45. A method for manipulating base sequence data of a vector, comprising:

storing data of a restriction enzyme and data of a base sequence of a restriction enzyme site of a plurality of vectors in a database;
searching for base sequence data of a recombinant DNA obtained by integrating an object DNA fragment into a vector;